ADRIANUS W.

LUDIKHUIZE ET AL

NL021358

COMPLETE IF KNOWN

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR

DESIGN

PATENT APPLICATION

(37 CFR 1.63)

OR

□ Declaration

Submitted after Initial

□ Declaration

Submitted

Attorney Docket Number

First Named Inventor

Application Number

Filing Date

	ith Initial	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit							
		required)	Examiner Name							
As a	As a below named inventor, I hereby declare that:									
	At a side and affine address and siting pairs are as stated below payt to my name									
l Wiy r	My residence, post office address, and citizenship are as stated below next to my name.									
l beli are li	eve I am the original sted below) of the su	first and sole inventor (if only on bject matter which is claimed and	ne name is listed below) or an d for which a patent is sought	original, first and jo on the invention e	oint inventor (if plu ntitled:	ıral names				
I		ALF-BRIDGE POWER								
l the	specification of which	Title of th	ne Invention)		**					
	is attached hereto	·	·							
	OR									
	was filed on (MM/D	DYYYY)	as United States Ap	plication Number o	r PCT Internation	ai				
Applica	tion Number	and	was amended on (MM/DD/Y	YYY)).	if applicable).				
	y state that I have rev ally referred to above	iewed and understand the conte	ents of the above identified sp	ecification, includin	g the claims as a	mended				
I ackno	wledge the duty to di	close information which is mate	rial to patentability as defined	in 37 CFR 1.56, in	cluding for contin	uation-in-part				
		ation which became available be continuation.		nor application and	the national or Po	' '				
I hereby	y claim foreign priorit	benefits under 35 U.S.C. 119(a	a)-(d) or (f), or 365(b) of any fo	oreign application(s	s) for patent, inver	ntor's or plant				
States of	of America, listed be	ov and have also identified belo	w, by checking the box any for	oreign application(s	i) for patent, inver	ntor's or plant				
	breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior F	oreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy					
	Humar(2)	Country	(MASSS/111) Country	Tot Claimed	YES	NO				
				L U						

[Page 1 of 3]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PTO/SB/01 (03-01)

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	irect all correspondence to: Customer Number or Bar Code Label		*247	'37*	OR	Correspondance address below		
Philips Electronics North	America Corpora	tion						
Name								
P.O. BOX 3001								
Address								
BRIARCLIFF MANOR		NY				1051	0	
City		State				ZIP		
U.S.A.			(91	4) 945-600	00	(9	14) 332-0615	
Country			Tele	ephone		Fa	ax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST	INVENTOR:		etition h	nas been f	iled for	this u	unsigned inventor	
Given Name (first and middle [if any])	ADRIANUS WILLEN	1		amily Nam or Surname	e LUD	IKHU	IZE	
Inventor's Signature	-				Date			
EINDHOVEN				THE NETHERLANDS THE N		THE NETHERLANDS		
Residence: City		State		Country Citizenship			Citizenship	
Prof. Holstlaan 4								
Mailing Address								
EINDHOVEN				5656 AA			THE NETHERLANDS	
City		State		Zip			Country	
NAME OF SECOND INVEN	TOR: Ap	etition has	s been	filed for th	is unsig	gned	inventor	
Given Name JA((first and middle [if any])	СОВ			amily Nam or Surname	e VA	N DEI	R POL	
Inventor's Signature					Date			
Residence: City		State		Count	try		Citizenship	
Mailing Address								
City		State		Zip			Country	
Additional inventors are being	ing named on the	suppleme	ntal Addi	itional Invento	or(s) shee	et(s) P	TO/SB/02A attached hereto.	

NAME OF THIRD INVENTOR:	A petition has be	en filed for th	nis unsign	ed inventor
Given Name RAYMOND J. (first and middle [if any])		Family Name GROVER or Surname		
Inventor's Signature			Date	
DIDSBURY		Man	chester	GREAT BRITAIN
Residence: City	State	Coun	try	Citizenship
30 Belfield Road				
Mailing Address				
				MANCHESTER
City DIDSBURY	State	Zip		Country
Additional inventors are being named on t	the supplemental A	Additional Invent	or(s) sheet(s) PTO/SB/02A attached hereto.

PTO/SB/01 (03-01)

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Attorney Docket Number	NL021358 ADRIANUS W.		
First Named Inventor	LUDIKHUIZE ET AL		
COMPLETE IF KNOWN			
Application Number	1		
Filing Date			
Group Art Unit			
Examiner Name			
nat:			
are as stated below next to my	name.		
	First Named Inventor COMPL Application Number Filing Date Group Art Unit Examiner Name		

My residence, post office address, and citizenship are as stated below next to my name.								
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
INTEGRATED HALF-BRIDGE POWER CIRCUIT								
the specification of which	. (Title of the	ne Invention)						
is attached hereto								
OR								
was filed on (MM/DD/	YYYY)	as United States Ap	plication Number o	r PCT Internation	al			
Application Number	and	was amended on (MM/DD/Y	YYY)		if applicable).			
I hereby state that I have review specifically referred to above.	wed and understand the conte	ents of the above identified spe	ecification, includin	g the claims as a	mended			
I acknowledge the duty to discl applications, material information international filing date of the c	on which became available be	tween the filing date of the pr	in 37 CFR 1.56, in ior application and	cluding for contin the national or Po	uation-in-part CT			
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application		Foreign Filing Date	Priority Not Claimed	Certified Cop	y Attached?			
Number(s)	Country	(MM/DD/YYYY) Country	Not Claimed	YES	NO			
Additional foreign applicati	ion numbers are listed on a su	pplemental priority data sheet	PTO/SB/02B attac	ched hereto:				

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

NAME OF THIRD INVENTOR:	etition has been	filed for this	s unsigne	ed inventor
Given Name RAYMOND J. (first and middle [if any])	Family Name GROVER or Surname			
Inventor's Signature			Date	
DIDSBURY		Manch	nester	GREAT BRITAIN
Residence: City	State	Countr	у	Citizenship
30 Belfield Road				
Mailing Address	<u></u>			
				MANCHESTER
City DIDSBURY	State	Zip		Country
Additional inventors are being named on the	supplemental Addi	tional Inventor	r(s) sheet(s) PTO/SB/02A attached hereto.

10/5375**75**

PTO/SB/80 (11-04)
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

							51 10
37 CFR	y revoke all ? 3.73(b).	previous powers of attorney	given in the	application identifie	ed in the	attached state	ment under
	y appoint:				7		
l .	actitioners asso	ociated with the Customer Number:		24737)		
OR	1767		4			J	
L Pra	ectitioner(s) nar	med below (if more than ten patent	practitioners an	to be named, then a c	ustomer nu	mber must be us	ed):
		Name	Registration Number		Name		Registration Number
L							Number
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<u> </u>							
25 affarm	(a) or agent(a)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
any and a attached t	y(s) or agent(s Il patent applica o this form in a) to represent the undersigned befo ations assigned only to the undersig ccordance with 37 CFR 3.73(b).	re the United Signed according	tates Patent and Trader to the USPTO assignment	nark Office ent records	(USPTO) in cont or assignment de	ection with ocuments
Please ch	ange the corres	spondence address for the applicati	ion identified in	the attached statement	under 37 C	FR 3 73(h) to:	
OR	The address as	ssociated with Customer Number:	2	4737			
	n or ividual Name						
Address	····audi Ivaine			<u> </u>			
City			State			T 7:-	
Country			- Otale			Zip	
Telephon	10				 		
				Fax			
Assignee N	lame and Addr	ress:					
		KONTNE	מ שעדדד	UTITE ETEC	MDONT.	00 N 11	
KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1							
5621 BA Eindhoven, The Netherlands							
A copy of	f this form, to	ogether with a statement und	er 37 CFR 3.7	3(b) (Form PTO/SB	/96 or equ	ivalent) is req	uired to be
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee,							
and must	identify the	application in which this Pov	ver of Attorne	ey is to be filed.	o act on t	enair of the as	isignee,
SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee							
Signature	////	Male. He	wo	,		4 Januar	v 2005
Name	Michae	1 E. Marion					33-9637
Title	Author	ized Representat	ive		1.5.561,011	- (JII) J	73-303/

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NL021358

COMPLETE IF KNOWN

ADRIANUS W.

LUDIKHUIZE ET AL

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DECLARATION FOR UTILITY OR

DESIGN

PATENT APPLICATION

(37 CFR 1.63)

□ Declaration

Declaration

Attorney Docket Number

First Named Inventor

Application Number

Submitted	OR L	Declaration Submitted after Initial	Filing Date							
With Initial		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit							
Filing		required)	Examiner Name							
As a below nam	ed inv	entor, I hereby declare th	at:							
My residence, po	My residence, post office address, and citizenship are as stated below next to my name.									
I believe I am the o	riginal fi	irst and sole inventor (if only on	e name is listed helow) or an	original first and in	aint inventor (if plu	ıral names				
		ect matter which is claimed and				- I al Hallies				
INTEGRATE	ED HA	ALF-BRIDGE POWER	RCIRCUIT							
the specification of	of which	(Title of th	e Invention)							
is attached h	ereto									
OR-						ł				
was filed on	(MM/DD	DYYYY)	as United States Ap	plication Number o	r PCT Internation	al				
Application Number		and	was amended on (MM/DD/Y	YYY)	(if applicable).				
I hereby state that I has specifically referred to		ewed and understand the conte	nts of the above identified sp	ecification, includin	g the claims as ar	mended				
		close information which is mate								
		tion which became available be continuation-in-part application.		ior application and	the national or Po	TC				
	I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United									
States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Applic	ation		Foreign Filing Date	Priority	Certified Copy	y Attached?				
Number(s)		Country	(MM/DD/YYYY) Country	Not Claimed	YES	NO				
				_	_					

[Page 1 of 3]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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10/537575

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DECLARATION — Utility or Design Patent Application

				1		
Direct all correspondence to: Customer Number or Bar Code Lab	4	*24737*		OR	Correspondance address below	
Philips Electronics North America Corpora	ation					
Name						
P.O. BOX 3001	•					
Address						
BRIARCLIFF MANOR	NY			10	510	
City	State			ZI	Р	
U.S.A.		(914)	945-600	0	(914) 332-0615	
Country		Teleph	one		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST INVENTOR:	A peti	tion has	been fil	ed for th	is unsigned inventor	
Given Name ADRIANUS WILLE! (first and middle [if any])	M		Family Name LUDIKHUIZE or Surname			
Inventor's Advance Willem Ludihhuite Date 25 Nov 2003						
EINDHOVEN	}	THE NETHERLANDS		ERLANDS	THE NETHERLANDS	
Residence: City	State	Country Citizenship			Citizenship	
Prof. Holstlaan 6	~ (X					
Mailing Address		140	•		·	
EINDHOVEN			5656	AA	THE NETHERLANDS	
City	State	Zip			Country	
NAME OF SECOND INVENTOR: A	petition has t	een file	d for thi	s unsign	ed inventor	
Given Name JACOB ANTONIUS (first and middle [if any])		Family Name VAN DER POL or Surname			DER POL	
Inventor's Signature				Date		
NIJMEGEN		THE N	ETHER	LANDS	THE NETHERLANDS	
Residence: City	State	Countr	у		Citizenship	
Gerstweg 2						
Mailing Address						
NIJMEGEN			6534	AE	THE NETHERLANDS	
City	State		Zip		Country	
Additional inventors are being named on the	supplement	al Addition	al Invento	r(s) sheet(s	s) PTO/SB/02A attached hereto.	

10/537575

PTO/SB/01 (03-01)

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Philips Electronics North America Corporation						
Name						
P.O. BOX 3001						
Address				_		
BRIARCLIFF MANOR	NY		•	1	0510	
City	State			Z	IP	
U.S.A.		(914)	945-600	0	(914) 332-0615	
Country		Telep	hone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST INVENTOR:	A peti	tion has	s been fil	led for th	nis unsigned inventor	
Given Name ADRIANUS WILLEM Family Name LUDIKHUIZE or Surname						
Inventor's Signature				Date		
EINDHOVEN		TH	E NETHE	ERLAND	S THE NETHERLANDS	
Residence: City	State	Country			Citizenship	
Prof. Holstlaan 6						
Mailing Address					•	
EINDHOVEN			5656	AA	THE NETHERLANDS	
City	State		Zip		Country	
NAME OF SECOND INVENTOR: A P	etition has t	een file	ed for thi	s unsigr	ned inventor	
Given Name JACOB ANTONIUS (first and middle [if anyl)			nily Name Surname	VAN	DER POL	
Inventor's Signature				Date	24-11-2003	
NIJMEGEN		THE	NETHER	LANDS	THE NETHERLANDS	
Residence: City	State	Count	ry	•	Citizenship	
Gerstweg 2	-	N	ملا			
Mailing Address						
NIJMEGEN			6534	AE	THE NETHERLANDS	
City	State		Zip		Country	
Additional inventors are being named on the	supplementa	al Addition	nal Invento	r(s) sheet(s) PTO/SB/02A attached hereto.	

[Page 2 of 3]



NAME OF THIRD INVENTOR: A petition has been filed for this unsigned inventor						
Given Name RAYMOND J. (first and midd্tর্বীf any])	Family Name GROVER or Surname			R		
Inventor's Raymod J. G.	nver		Date	27/11/2003		
DIDSBURY		1	Manchester	GREAT BRITAIN		
 Residence: City	State		Country	Citizenship		
30 Belfield Road	C	CH				
Mailing Address						
			420 6BH	MANCHESTER		
City DIDSBURY	State	;	Zip	Country		
Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.						

U.S. Patent and Nacefrank Critics; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER CO. CO. Applicant/Patent Owner: Koninklijke Philips Electronics N.V. Application No./Patent No.: Concurrently Filed/Issue Date: Concurrently Entitled: INTEGRATED HALF-BRIDGE POWER CIRCUIT Koninklijke Philips Electronics N.V. corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. It the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame ____, or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown To: -The document was recorded in the United States Patent and Trademark Office at ____, or for which a copy thereof is attached. To: The document was recorded in the United States Patent and Trademark Office at Reel ____, or for which a copy thereof is attached. To: The document was recorded in the United States Patent and Trademark Office at ____, Frame ____, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. INOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Aaron Waxler, Reg. 48,027 Typed or printed name (914) 333-9608 Telephone number Signature

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, ospho to process) an application. Confidentiality is governed by 35 0.3.0. 122 and 37 GFN 1.14. This confidence is called to take 12 initiation to complete the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Corporate Counsel Title